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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(e))			Docket No. 17443	
In Re Application Of: Geoffrey Staines, et al.				
Serial No. 10/821,006	Filing Date April 8, 2004	Examiner Unassigned	Group Art Unit Unassigned	
Title: MICROWAVE GENERATOR				
Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450				
37 CFR 1.97(b)				
1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.				
37 CFR 1.97(c)				
2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:				
<input type="checkbox"/> the statement specified in 37 CFR 1.97(e);				
OR				
<input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).				

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
17443

In Re Application: **Geoffrey Staines, et al.**

Serial No.  
10/821,006

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April 8, 2004

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Unassigned

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**MICROWAVE GENERATOR**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account **19-1013/SSMP**  
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Leopold Presser	
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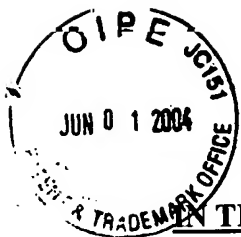
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Dated: **May 27, 2004**

Signature \_\_\_\_\_  
Leopold Presser, Reg. No. 19,827  
**SCULLY, SCOTT, MURPHY & PRESSER**  
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Garden City, NY 11530  
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LP:ahs

CC:



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Geoffrey Staines, et al.      **Examiner:** Unassigned  
**Serial No:** 10/821,006      **Art Unit:** Unassigned  
**Filed:** April 8, 2004      **Docket:** 17443  
**For:** MICROWAVE GENERATOR      **Dated:** May 27, 2004

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

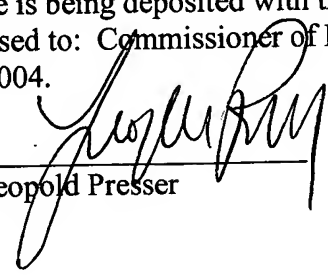
In compliance with the provisions of C.F.R. §§1.97 and 1.98, applicants herewith submit a PTO-1449, setting forth nine (9) publications, copies of which, as applicable, are submitted herewith.

In connection with the claims as presently on file, these are deemed to clearly and patentably distinguish over the prior art submitted herewith, irrespective as to whether they are considered singularly or in combination.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

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Dated: May 27, 2004

  
Leopold Presser

In particular, the Examiner in the German patent application from which priority is claimed herein, has referred to German Patent DE 245 358, dating back approximately 90 years to the early years of wireless telegraphy. In that instance, as described, in the German patent, it is the intent to radiate the longest possible pulse train which a series of capacitors will discharge in a non-overlapping manner over a wireless path and then are again slowly recharged by means of series resistances.

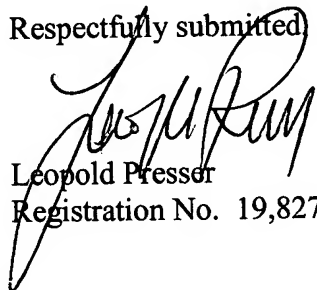
In contrast, pursuant to the present invention, it is the intent to radiate an overall short, but nevertheless a particularly intensive pulse, whereby the individual wireless paths respond superimposed to each other under a minimal statistic offset. For this purpose, a single pole connecting circuit (electrode line 15) leads the capacitors 12 to the antenna line 24, and in opposition thereto each capacitor discharge circuit extends from the respective counter electrode through a wireless path 13 associated individually therewith to a common inductance 19 and back to the electrode line 15, whereby the timewise mutually overlapping discharge sequences and the inductance 19 are mutually and energetically superimposed on the short intensive pulse which is to be radiated.

The prior art does not describe anything comparable therewith, inasmuch as the interconnected electrodes (c) in that instance are not connected galvanically to a voltage source, but rather follow the middle of the charging conditions for the counter electrodes, whereby the recharging behavior of the capacitors is ensured at the antenna uncoupling (L), so that in sequence only one of the wireless paths will be initiated. Consequently, the state of the technology distinguishes from the subject matter of the present application, not only by its function, but also by the assembly of the circuitry.

In essence, none of the publications cited by the German Examiner, nor those known to the applicants as submitted herewith, have anything in common with the present invention as claimed herein, and the early and favorable examination of the application on the merits is earnestly solicited.

Finally, inasmuch as the present Information Disclosure Statement is being filed within the three months from the filing of this application, no petition or fee is required to be submitted by the applicants.

Respectfully submitted

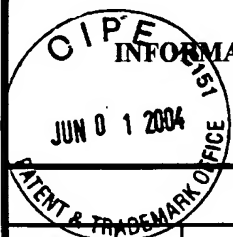


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Encls: PTO-1449  
Copies of 5 references

LP:ahs

**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*

Docket Number (Optional)

**17443**

Application Number

**10/821,006**

Applicant(s)

**Geoffrey Staines, et al.**

Filing Date

**April 8, 2004**

Group Art Unit

**Unassigned****U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		<b>1,380,872</b>	<b>6/7/1921</b>	<b>Roy E. Thompson</b>			
		<b>5,835,545</b>	<b>11/10/98</b>	<b>Turchi</b>			
		<b>4,760,311</b>	<b>7/26/88</b>	<b>Wootton</b>			
		<b>4,845,378</b>	<b>7/4/89</b>	<b>Garbe, et al.</b>			

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		<b>DE 199 59 358 A1</b>	<b>6/13/01</b>	<b>Federal Republic of Germany</b>				
		<b>DE 2650624 C2</b>	<b>5/18/78</b>	<b>Federal Republic of Germany</b>				
		<b>DE 35 28 338 C1</b>	<b>1/28/93</b>	<b>Federal Republic of Germany</b>				
		<b>245358</b>	<b>3/18/1910</b>	<b>Germany</b>				

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		<b>Rustung, "Den Laptop im Tornister", Spiegel of 10 February 1997</b>

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.